

RENOLIT GP 3

General purpose grease for use in electric motor bearings and high speed applications.

Description

RENOLIT GP3 grease is a lithium soap grease based on mineral oil featuring properties like temperature stability, water resistance and easy pumpability.

RENOLIT GP 3 contains additives to improve corrosion protection and ageing resistance. It is suitable for temperatures from -30°C to +120°C. RENOLIT GP 3 is classified as K 3 K-30 according to DIN 51 502 and NLGI-grade 3.

Application

As a multipurpose grease RENOLIT GP 3 can be applied for:

Lubrication of roller bearing at temperatures until ~120°C, at mean loads and speeds according to bearing type eg in electric motors, machine tools, conveying machinery, processing machines, hot air fans, drying machines, drying cylinders in the paper industry, equipment machines in the textile industry etc.

Lubrication of slide bearings in case of supply via Stauffer cup, grease nipples or central lubricating systems at temperatures until ~120°C, at mean loads and speeds typical for slide bearings eg in machines and facilities, especially at elevated temperatures, water entry, or in humid environment, for excavators or any kind of earth moving machinery etc.

SHELF LIFE: The minimum shelf life is 36 months if the product is correctly stored between 0°C and 40°C in its unopened container in a dry place. The indication of minimum shelf life does not include any guarantee of durability.

Advantages/Benefits

- Multipurpose grease
- Temperature resistant
- Water resistant
- Ageing resistant
- Good corrosion protection
- Good adhesion
- Good anti-wear properties
- Good pumpability

CHARACTERISTICS

Classification	DIN 51502 ISO 6743-9	K 3 K-30 ISO-L-X-CCEA	-
Appearance	Visual	Light Brown	-
Thickening agent	-	Lithium soap	-
Dropping Point	IP 396	> 180	°C
NLGI-grade	-	3	-
Worked penetration (Pw 60)	DIN ISO 2137	220-250	0,1mm
Base Oil Viscosity @ 40 °C	DIN 51562-1	110	mm ² /s
Base Oil Viscosity @ 100 °C	DIN 51562-1	9,5	mm ² /s
Temperature Range	DIN 51 825	-30 to 120	°C
Corrosion protection properties (Emcor test)	DIN 51 802	0 - 0	degree corr. of

Product Code: 2837
Last Update: 25/05/2016